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TITLE	Chances Are...Making Probability and Statistics Fun To Learn and Easy To Teach.
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ABSTRACT

Probability and statistics may be the horror of many college students, but if these subjects are trimmed to include only the essential symbols, they are easily within the grasp of interested middle school or even elementary school students. This book can serve as an introduction for any beginner, from gifted students who would like to broaden their horizons while keeping in step with their school's conventional mathematics curriculum, to nervous college students who are facing their first "prob-and-stats" requirement. High school students may use it as enrichment or as preparation for Advanced Placement Statistics or future college courses. It is hoped that through such an introduction, the reader will be able to share in the excitement that first inspired scholars to explore chance behavior. Activities in the areas of counting, probabilities, probability distributions, statistical inference, beginning statistics, sample mean and sample proportion, histograms and the normal distribution, standard deviation, and handling data in different forms are included. Appendix contains sample syllabus, special materials needed for experiments, and a class survey. (ASK)

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